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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/612,871	07/07/2003	Koichi Otsuki	Q76468	6980

23373 7590 04/18/2007  
SUGHRUE MION, PLLC  
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SUITE 800  
WASHINGTON, DC 20037

EXAMINER
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VO, QUANG N

ART UNIT	PAPER NUMBER
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2625

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/18/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

**Office Action Summary**

Application No.

10/612,871

Applicant(s)

OTSUKI, KOICHI

Examiner

Quang N. Vo

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 07 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-16 are rejected under 35 U.S.C. 102(e) as being anticipated by Shiohara. (U.S. Patent No.: 6618553).

With regard to claim 1, Shiohara discloses a storage medium (column 2, lines 44-45) that is used for performing predetermined processing with respect to image data for printing with a printing apparatus, and that is provided independent of said printing apparatus, comprising: process information for performing said predetermined processing (column 2, lines 33-39); and information for allowing visual confirmation of a change in an image that is caused by said processing (column 5, lines 1-20. Here, the camera system as a whole with a storage medium having display data output means, recording medium control section and other features are visual confirmation of invention as a whole).

With regard to claim 2, Shiohara discloses wherein said information for allowing visual confirmation is shown on a surface of said storage medium (column 4, lines 26-

34. Here, digital camera with storage medium as a whole invention having display unit and LED lamp is visual confirmation on surface of storage medium).

With regard to claim 3, Shiohara discloses wherein said process information is information for making a change in a color tone of an image to be printed (column 7, lines 40-43).

With regard to claim 4, Shiohara discloses wherein said change in the color tone is an emphasis of a specific color (column 7, line 28).

With regard to claim 5, Shiohara discloses wherein said change in the color tone is a color conversion from a color image to a monochrome image (column 7, lines 30-31).

With regard to claim 6, Shiohara discloses wherein said change in the color tone is a color conversion from a color image to a sepia image (column 7, line 28).

With regard to claim 7, Shiohara discloses wherein said information for making a change in the color tone is a color conversion data table (column 10, lines 23-27).

With regard to claim 8, Shiohara discloses wherein said process information is information for changing a size of an image to be printed (column 2, lines 33-39).

With regard to claim 9, Shiohara discloses wherein said process information is information for changing a resolution of an image to be printed (column 1, lines 36-44).

With regard to claim 10, Shiohara discloses wherein said information for allowing visual confirmation is an example of an image printed without said processing being performed and an example of an image printed with said processing being performed (column 2, lines 33-39 and column 4, lines 11-13, 29-31; column 5, lines 30-35).

With regard to claim 11, Shiohara discloses wherein said storage medium is capable of communicating wirelessly with said printing apparatus (column 7, lines 53-55).

With regard to claim 12, Shiohara discloses further comprising a flat antenna (column 7, lines 53-55). Here, by receiving signal wirelessly, it must have antenna.

With regard to claim 13, Shiohara discloses further comprising a contact point for connecting to said printing apparatus (column 10, lines 45-51).

With regard to claim 14, Shiohara discloses a storage medium (column 2, lines 44-45) that is used for performing predetermined processing with respect to image data for printing with a printing apparatus; and that is provided independent of said printing apparatus, comprising: a color conversion data table for changing a color tone of an image to be printed in order to perform said processing (column 2, lines 33-39 and column 10, lines 23-27); information for allowing visual confirmation of a change in an image that is caused by said processing, wherein said information is an example of an image printed without said processing being performed and an example of an image printed with said processing being performed that are shown on a surface of said storage medium (column 2, lines 33-39 and column 4, lines 11-13, 29-31; column 5, lines 30-35); and a flat antenna that is capable of communicating wirelessly with said printing apparatus (column 7, lines 53-55). Here, by receiving signal wirelessly, it must have antenna.

With regard to claim 15, Shiohara discloses a printing method (column 1, lines 6-8) for performing predetermined processing with respect to image data for printing with

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a printing apparatus, comprising the following steps: a step of setting, on said printing apparatus, a storage medium which is provided independent of said printing apparatus and in which process information for performing said predetermined processing is stored, and which has information for allowing visual confirmation of a change in an image that is caused by said predetermined processing (column 2, lines 33-39 and column 4, lines 26-34); a step of obtaining said process information; a step of performing said predetermined processing with respect to said image data based on said process information that has been obtained (column 5, lines 31-38); and a step of printing based on the image data that has been subjected to said predetermined processing (column 5, lines 66-67 and column 6, lines 1-7).

With regard to claim 16, Shiohara discloses a printing apparatus (column 2, lines 44-45) capable of performing predetermined processing with respect to image data for printing, comprising: a reader for reading information in a storage medium which is provided independent of said printing apparatus and in which process information for performing said predetermined processing is stored, and which has information for allowing visual confirmation of a change in an image that is caused by said predetermined processing (column 4, lines 20-34); and a processor for performing said predetermined processing based on said information that has been read out (column 4, lines 54-59).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quang N. Vo whose telephone number is 5712701121. The examiner can normally be reached on 7:30AM-5:00PM Monday-Friday.

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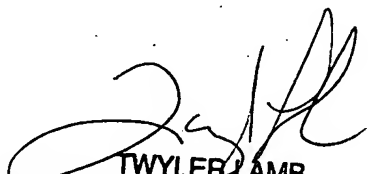
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Twyler M. Lamb can be reached on 5712727406. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Quang N. Vo  
Patent Examiner

4/14/07



TWYLER LAMB  
SUPERVISORY PATENT EXAMINER